Experimental WR Water Supply Page

Part I - Mission Connection

a. Product Description – The experimental WR Water Supply Page provides a single web page for displaying water supply forecasts from all WR RFCs. Forecasts are color coded according to percentage of normal runoff volume. More specific information for individual forecast points is available by drilling down to points.

b. Product Type – Experimental. The evaluation period will cover the 2006 runoff season. Specifically the period will be 3/1/06 through 8/1/06.

c. Purpose - This experimental web page is designed to provide users a simple, standardized web based interface to access a water supply forecasts issued by WR RFCs.

d. Audience - The audience is the public, water management agencies, and other public officials.

e. Presentation Format - All interactions occurs via a web page. The web page provides an interface for the public to access official water supply forecasts from the 3 WR RFCs. From the main webpage map, the user can select and zoom into various geographic "tiles" in the region. More detailed forecast information is available by either "mousing over" particular forecast points or clicking on forecast points. The map includes user customizations such as optional geographic feature displays (including lakes, rivers, boundaries, etc.). Forecast plots follow the successful NWRFC convention where forecasts and observed volumes are displayed (y axis) as a function of time (x axis).

f. Feedback Method - Most feedback comes from user feedback. Feedback can be provided by mail:

Kevin Werner
National Weather Service
125 South State - Rm 1311
Salt Lake City, UT 84138
Phone 801-524-5131

E-mail comments or questions can be sent to Digital.Feedback@noaa.gov

g. Example/URL -http://www.cbrfc.noaa.gov/phpmap/map.php?map=west

h. PDD Approved by Vickie Nadolski, Western Region Director

Part II - Technical Description

a. Format and Science Basis - This product was developed to provide public access to WR RFC water supply forecasts. The interface is flexible to accomadate various users. The web page was developed by a team with membership from each RFC. It leverages concepts and displays that have been used successfully by particular RFCs into a single regional web presence. The underlying data are water supply forecasts produced by each WR RFC using current methodologies.

b. Availability - This interactive web page is available 24/7. The underlying forecast products are updated according to established official procedures and usually issued between January and July.

c. Additional Information – Traditional means of conveying water supply forecasts (e.g. westwide bulletins published jointly with NRCS and RFC specific products) will continue as per current procedures.